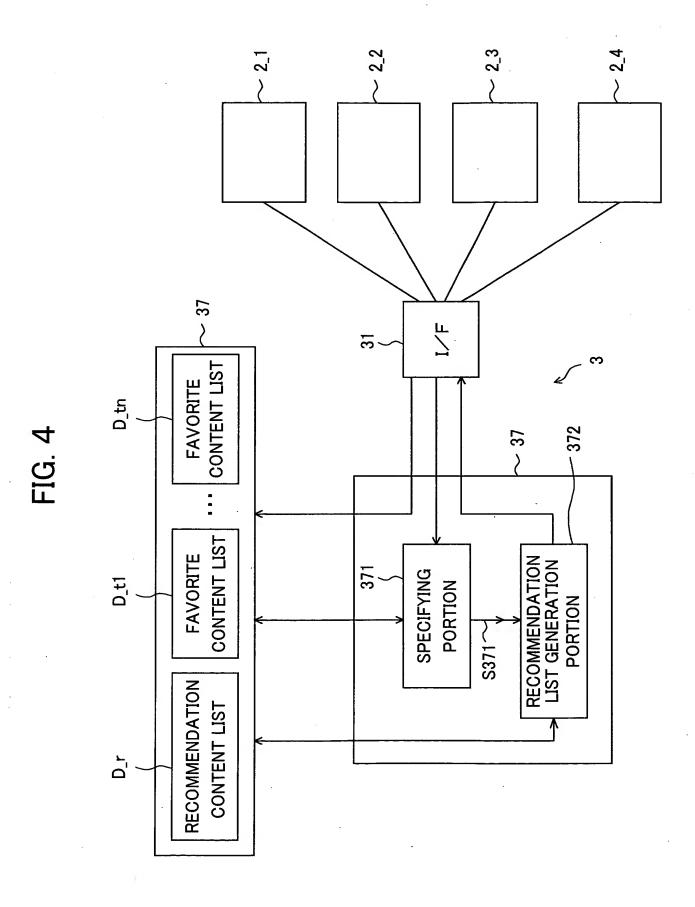


ARTIST NAME ARTIST AA ARTIST BB ARTIST CC. ARTIST DD D_ta TITLE CCCC TITLE AAAA TITLE BBBB TITLE DDDD TITLE



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FIG. 5

	:	:	:	:	:	:						
D_t4 (USER U_D	ARTIST NAME	ARTIST LLLL	ARTIST MM	ARTIST CC	ARTIST JJ						
	IJSN	TITLE NAME	בנערב רררר	TITLE MMMM	TITLE CCCC	TITLE JJJJ						
D_t3	USER U_C	ARTIST NAME	ARTIST HH	ARTIST AA	ARTIST II	ARTIST JJ	ARTIST KK					
	asn .	TITLE NAME	тітсе нинн	TITLE AAAA	TITLE IIII	TITLE JJJJ	TITLE KKKK					
D_t2 (หม _ู ห	ARTIST NAME	ARTIST EE	ARTIST FF	ARTIST GG					,		
	NSER	TITLE NAME	111E EEEE	TITLE FFFF	TITLE GGGG							
D_t1	USER U_A	ARTIST NAME	ARTIST AA	ARTIST BB	ARTIST CC	ARTIST DD						
	USEF	TITLE NAME	TITLE AAAA	TITLE BBBB	TITLE CCCC	TITLE DDDD						

D_t4	, a-n	ME POINT	т 1	IM 1	-	1 1												
~	USER U_D	ARTIST NAME	ARTIST LL	ARTIST MM	ARTIST CC	ARTIST JJ												
FIG. 6B		TITLE	בובר ררר ב	TITLE MMMM	TITLE CCCC	TITLE JJJJ				NUMBER OF USER	2	1	1	1	1	1	1	1
FIG. 6A Det3		T)								POINT	2	1	+	1	1	+	1	1
	,	POINT	1	-	-	1	T KK		USER U_A	ARTIST NAME	ARTIST JJ	ARTIST HH	ARTIST AA	ARTIST II	ARTIST KK	ARTIST LL	ARTIST MM	ARTIST CC
	USER U_C	. NAME	THH	T AA	STII	ST JJ		D_r1 (AR	ARTI AR AR AR				₹	q	A A	
	Ü	ARTIST	ARTIST HH	ARTIST AA	ARTIST II	ARTIST JJ	ARTIST KK	00	JJJJJ HHHH AAAA	TITLE IIII	TITLE KKKK	TITLE LLLL	TITLE MMMM	TITLE CCCC				
		TITLE	ттге нинн	TITLE AAAA	TITLE III	TITLE JJJJ	TITLE KKKK	FIG. 6C	:	RANK	1 1	1 Z					T	

FIG. 7

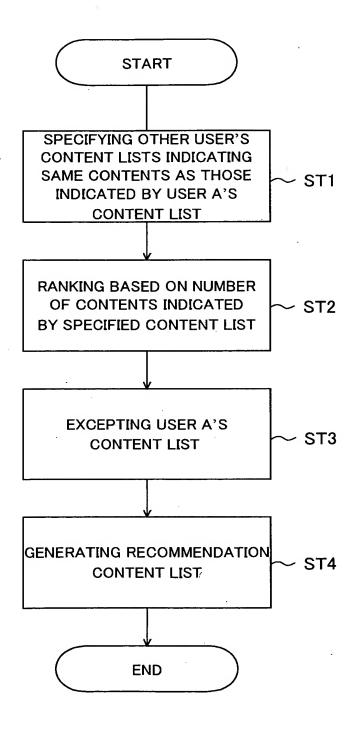
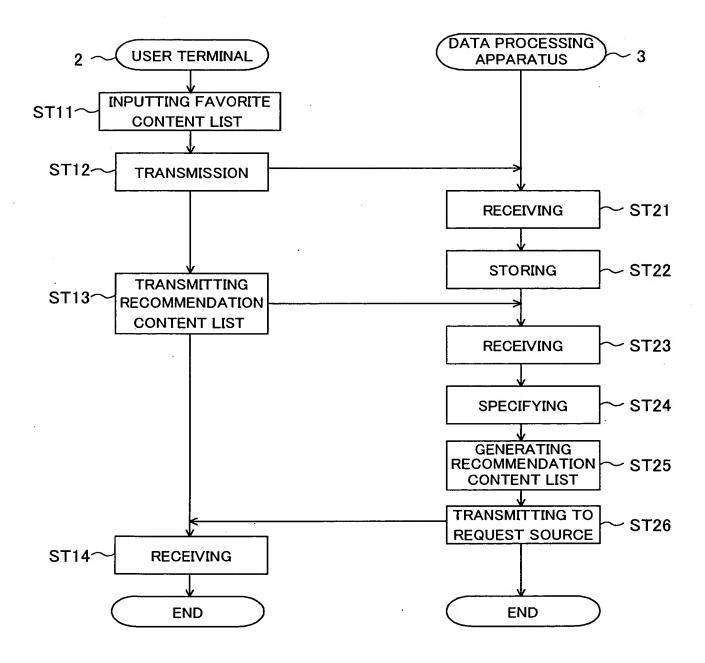
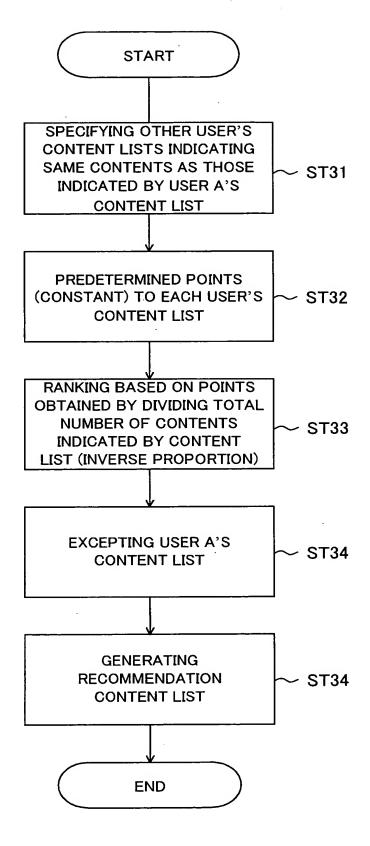


FIG. 8



			-				1			NUMBER OF USER	2	1	1	1	1	_	1		
		POINT	25	25	25	25		FIG. 9C											
D_t4		P.						FIG		POINT	45	25	25	25	20	20	20	20	
	USER U_D	ARTIST NAME	ARTIST LL	ARTIST MM	ARTIST CC	ARTIST JJ	Sa.		USER U_A	ARTIST NAME	ARTIST JJ	ARTIST LL	ARTIST MM	ARTIST JJ	ARTIST HH	ARTIST AA	ARTIST II	ARTIST KK	
			IV	Ą	- AF	W		الم. 12 ^	-	TITLE	TITLE JJJJ	TITLE LLL	TITLE MMMM	TITLE JJJJ	ттсе нини	TITLE AAAA	TITLE III	TITLE KKKK	
FIG. 9B		TITLE	TITLE LLLL	TITLE MMMM	TITLE CCCC	TITLE JJJJ				I			TITLE	TITLE	TITLE	TITLE	ш	TITLE	
Ë		TT	TITLE	TITLE	TITLE		1		RANK	1	2			3					
					Γ		_												
		POINT	20	20	20	20	20												
D_t3	_																		
	USER U_C	ARTIST NAME	ARTIST HH	ARTIST AA	ARTIST II	ARTIST JJ	ARTIST KK												
FIG. 9A		TITLE	ттге нини	TITLE AAAA	TITLE III	TITLE JJJJ	TITLE KKKK			,									

FIG. 10



Explanation of References

- 1, 1a... data processing system
- 2, 2, 1, 2, 2, 3, 2, 4... user terminal device
- 5 3, 3a... data processing apparatus
 - 4... communication network
 - 21... interface (I/F)
 - 22... input portion
 - 23... output portion
- 10 24... memory portion
 - 25... ROM (read only memory)
 - 26... RAM (random access memory)
 - 27... CPU (central processing unit)
 - 31... interface (I/F)
- 15 32... input portion
 - 33... output portion
 - 34... memory portion
 - 35... ROM
 - 36... RAM
- 20 37... CPU (central processing unit)
 - 271... specifying portion
 - 372, 372a... recommendation list generation portion